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Science and Technology for Tomorrow's Aerospace Forces

Success Story

MAJOR TIM LAWRENCE CHOSEN AS ONE OF TEN OUTSTANDING YOUNG AMERICANS FOR 2000



Recognized as one of the Ten Outstanding Young Americans for 2000, Major Tim Lawrence of the Air Force Office of Scientific Research, stands out as an exceptional example of the quality of active duty personnel engaged in basic research in support of the Air Force mission.



Air Force Research Laboratory
Wright-Patterson AFB OH

Accomplishment

The US Junior Chamber of Commerce named Maj Lawrence as one of the Ten Outstanding Young Americans for 2000 during a ceremony at the Renaissance Hotel in Washington, D.C. Maj Lawrence shares this honor with 600 young people previously selected by the Junior Chamber of Commerce as the best, brightest, and most inspirational leaders that America has to offer. Former notables include President John Kennedy, Howard Hughes, Orson Wells, Elvis Presley, and Christopher Reeve. The Junior Chamber International also nominated Maj Lawrence as one of ten Outstanding Young Persons of the World for 2001.

Background

In 1988, Maj Lawrence graduated from the United States Air Force Academy (USAFA) with a degree in mathematical sciences and earned a master's degree in nuclear engineering at the Massachusetts Institute of Technology in 1993. As a follow-up, he won an award from the Department of Energy's Brookhaven National Laboratory to conduct research critical in developing propulsion systems for future National Aeronautics and Space Administration interplanetary missions.

Maj Lawrence next served as an instructor at USAFA in the Department of Astronautical Engineering. In 1998, Maj Lawrence completed his PhD from the University of Surrey, United Kingdom.

In December 2000, Maj Lawrence received the Thomas Hawksley Gold Medal from the Institution of Mechanical Engineers for a research paper entitled "Research into Resistojet Rockets for Small Satellite Application."

At the European Office of Aerospace Research and Development, the London detachment of the Air Force Office of Scientific Research, Maj Lawrence's responsibilities included surveying the achievements in space technology across Europe, the former Soviet Union, the Middle East, and Africa. He started more than 40 cooperative space research projects between the US and European space nations.

To his further credit, the Department of Defense (DoD) selected Maj Lawrence as the sole DoD member on the National Aeronautics and Space Administration's Nuclear Thermal Propulsion Technical committee. In 1998, the International Astronautics Federation recognized Maj Lawrence for an outstanding propulsion paper. Also, during his assignment in Europe, Maj Lawrence took advantage of his location and became the first active-duty Air Force member to swim the English Channel in September 1999.

Additional information

To receive more information about this or other activities in the Air Force Research Laboratory, contact TECH CONNECT, AFRL/XPTT, (800) 203-6451 and you will be directed to the appropriate laboratory expert. (01-OSR-02)